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1/3

Fig. 1

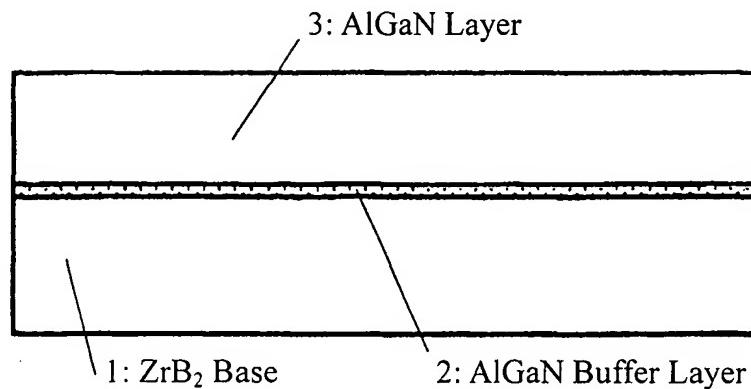
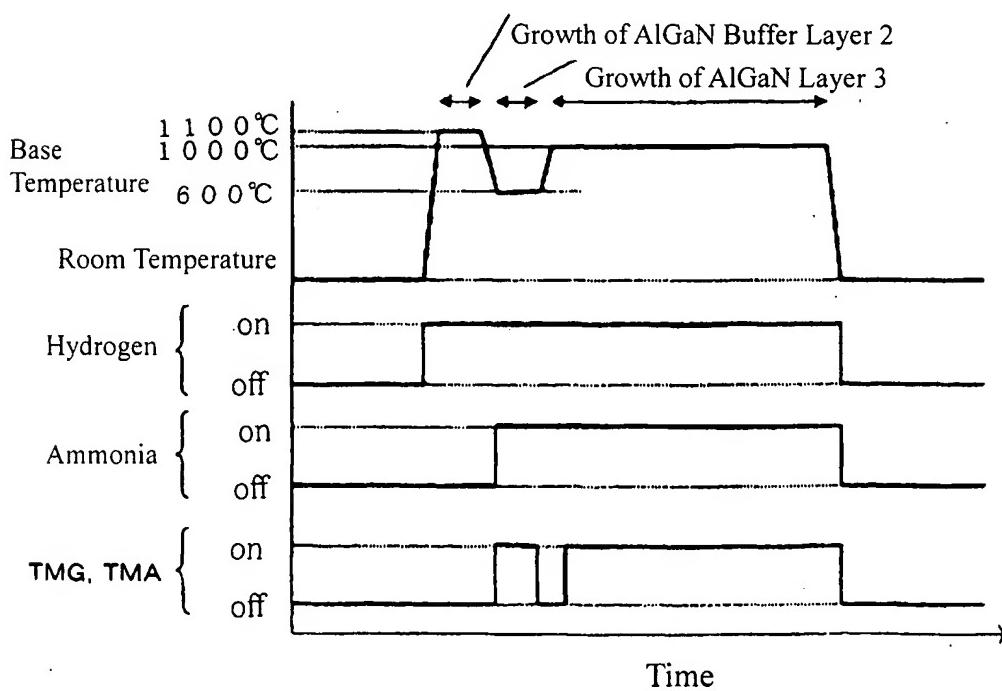


Fig. 2

Surface Cleaning



10/50002

2/3

Fig. 3

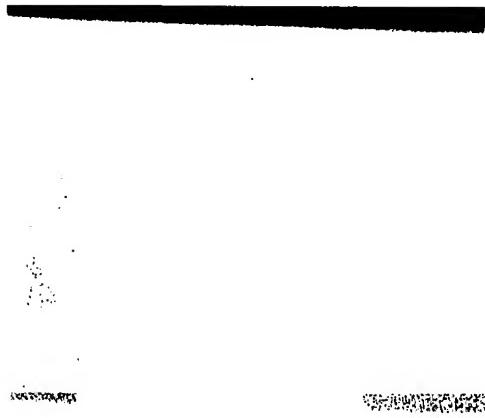
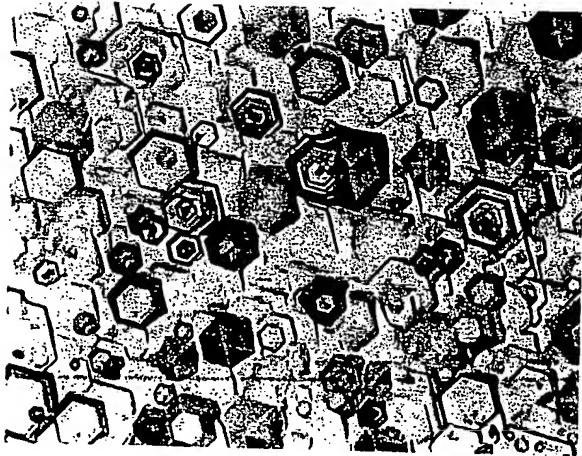


Fig. 4



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103: AlGaN Layer
101: Sapphire Base
102: Low-Temperature Deposited Buffer Layer

3/3

Fig. 5

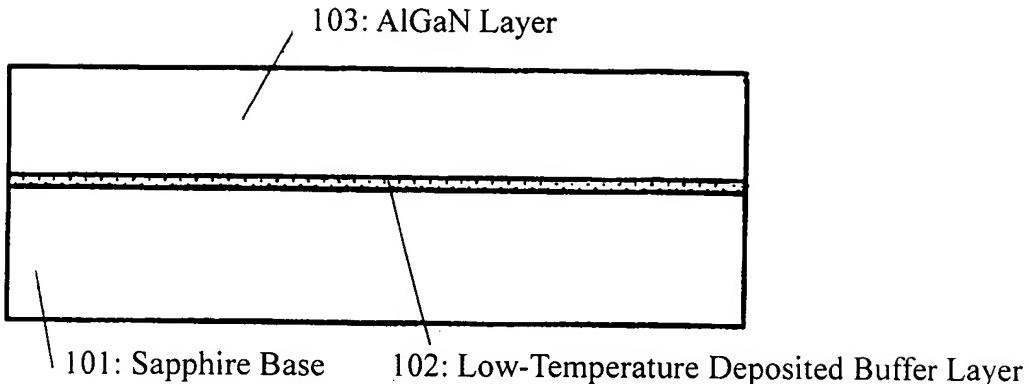


Fig. 6

205: GaN Overgrowth Layer

